

***WFO Wichita Public Forecast (SOOVER) Statistics
for Spring '02 (Mar-May)***

TEMPERATURES

The following chart compares CCF, FWC, and MAV average absolute error for the 1st 4 periods of the public forecast. It shows CCF improvement over the FWC and MAV guidance. The lower the error, the better.

Station	Average Absolute Error			CCF % Improvement over	
	CCF	FWC	MAV	FWC	MAV
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WICHITA	3.68	4.37	3.93	15.7	6.3
CHANUTE	3.83	4.31	3.69	11.3	-3.5
RUSSELL	4.27	4.77	4.53	10.6	5.7
SALINA	3.77	4.55	4.13	17.0	8.5
ALL	3.89	4.50	4.07	13.6	4.4

The following chart shows the percentage of the time in each period that temperature forecasts missed by (+/-) 3 degrees or less. The higher the percentage, the better.

Station		CCF	FWC	MAV
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WICHITA	1 st Pd	64%	59%	61%
	2 nd Pd	59	53	51
	3 rd Pd	54	43	51
	4 th Pd	52	46	49
CHANUTE	1 st Pd	62	60	63
	2 nd Pd	58	55	59
	3 rd Pd	53	49	59
	4 th Pd	49	41	51
RUSSELL	1 st Pd	60	53	56
	2 nd Pd	52	45	46
	3 rd Pd	45	46	46
	4 th Pd	42	41	41
SALINA	1 st Pd	65	57	56
	2 nd Pd	58	49	54
	3 rd Pd	52	42	48
	4 th Pd	48	39	43
ALL	1st Pd	63%	57%	59%
	2nd Pd	57	51	53
	3rd Pd	51	45	51
	4th Pd	48	42	46

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PRECIPITATION

The following chart shows average brier scores, average WET PoPs (PoPs on days when we had measurable precipitation), and average DRY PoPs (PoPs on days when we did not have measurable precipitation). The lower the brier score, the higher the WET PoP, and the lower the DRY PoP, the better.

Station	CCF	FWC	MAV	CCF % Improvement over	
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WICHITA					
Average Brier Score	.086	.091	.094	5.5	8.5
Average WET PoP	46%	44%	42%		
Average DRY PoP	12%	13%	14%		
CHANUTE					
Average Brier Score	.094	.096	.095	2.1	1.1
Average WET PoP	50%	49%	54%		
Average DRY PoP	12%	13%	16%		
RUSSELL					
Average Brier Score	.064	.069	.068	7.2	5.9
Average WET PoP	48%	47%	47%		
Average DRY PoP	11%	13%	14%		
SALINA					
Average Brier Score	.082	.092	.091	10.9	9.9
Average WET PoP	44%	43%	43%		
Average DRY PoP	11%	13%	14%		
ALL					
Average Brier Score	.0815	.0870	.0870	6.3%	6.3%
Average WET PoP	47%	46%	47%		
Average DRY PoP	12 %	13%	15%		